

INCLINATION REPORT

OPERATOR: MARATHON OIL COMPANY
LEASE NAME: YATES FEDERAL
LOCATION: EDDY COUNTY, NEW MEXICO

ADDRESS: P. O. BOX 552
MIDLAND, TX 79702

WELL: #17 FIELD: _____
RECEIVED

AUG 19 1991

O. C. D.
ARTESIA OFFICE

Measured Depth	Course Length	Angle of Inc.	Displacement Per 100 ft.	Course Displacement	Accumulative Displacement
121	121	0.50	0.87	1.0527	1.0527
347	226	0.75	1.31	2.9606	4.0133
800	453	1.75	3.05	13.8165	17.8298
983	183	1.50	2.62	4.7946	22.6244
1255	272	1.00	1.75	4.7600	27.3844
1484	229	0.75	1.31	2.9999	30.3843
1976	492	1.25	2.18	10.7256	41.1099
2443	467	1.00	1.75	8.1725	49.2824
2948	505	1.75	3.05	15.4025	64.6849
3160	212	1.00	1.75	3.7100	68.3949
3414	254	0.25	0.44	1.1176	69.5125
3700	286	0.75	1.31	3.7466	73.2591

I hereby certify that the above data as set forth is true and correct to the best of my knowledge and belief.

CACTUS DRILLING COMPANY


TITLE: DRILLING SECRETARY

AFFIDAVIT:

Before me, the undersigned authority, appeared Cathy Pearce known to me to be the person whose name is subscribed hereabove, who, on making deposition, under oath states that she is acting for and in behalf of the Operator of the well identified above, and that to the best of her knowledge and belief such well was not intentionally deviated from the true vertical whatsoever.

Rebecca Edwards
AFFIANT'S SIGNATURE

Sworn and subscribed to in my presence on this 31 day of July, 1991.

Sharon L. Robinson
Notary Public in and for the
County of Midland, State of Texas.

